

Windows®. Life without Walls™.
Lenovo® recommends Windows 7.



GREAT IDEAS THAT BREAK BARRIERS OF PERFORMANCE

THE LENOVO® THINKPAD® W510 NOTEBOOK

ThinkPad W Series represents a complete lineup of performance mobile workstations certified to run the most demanding graphic intensive industry applications. ThinkPad W Series offers you quality, performance, and reliability in a high-performance mobile workstation. The ThinkPad W Series notebooks come equipped with the new Intel® platform and high performing NVIDIA® Quadro® FX Graphics. Along with meeting the highest performance standards, W Series still offers the legendary ThinkPad design and a full range of technology that include Solid State Drives (SSDs), an integrated camera, DDR3 memory modules, new DisplayPort technology, and a wider Touchpad with improved ergonomics.

The ThinkPad W510 notebook is engineered with Lenovo's Enhanced Experience for Windows® 7, which means faster startup and shutdown time, along with increased productivity for business with new hardware and software innovations. The roll-cage protection, spill-resistant keyboard, ThinkVantage® Client Security Solution with integrated Fingerprint Reader®, and Smartcard support are other innovative features that give these notebooks unmatched security.

ThinkPad notebooks are also environmentally responsible and EPEAT® Gold qualified. The ThinkPad W Series models enjoy worldwide, round-the-clock service and support. They also come with an industry-leading warranty and optional services like ThinkPad Protection that guarantees you are covered for any reason.

CUTTING-EDGE TECHNOLOGY

ThinkPad W510 is power packed with:

- Latest Intel® Core™ i7 Processors with Turbo Boost Technology
- Genuine Windows® 7 Professional 32
- Lenovo's Enhanced Experience for Genuine Windows® 7
- Embedded X-Rite Color Calibration
- Improved ThinkPad keyboard and Multi-Touch Touchpad
- Elegant Multi-Touch panel
- New USB 3.0 Technology

HIGHER EXPANDABILITY

ThinkPad W510 supports a large choice of ports and slots for additional expansion, including:

- Next generation Mini Dock Expansion
- Raid 0,1 Support (via Bay Adapter)
- Dedicated 34mm Express Card slot and 5-in-1 MMC Reader®
- Additional USB Ports and USB/eSATA Combo Port
- Multiple SSD or HDD's

UNCOMPROMISED PERFORMANCE

ThinkPad W510 combines the highest performing:

- Intel® Core™ i7 DELETED-M Processors with Intel® vPro™ Technology
- Genuine Windows® 7 Professional 32
- NVIDIA® Quadro® FX Graphics
- SSDs with Encryption, 2.5" HDDs, WLAN and WWAN
- Gobi™ is the embedded choice for mobile broadband technology that connects your laptop to the Internet via leading 3G networks around the world.
- RAID 0,1 Support

ENVIRONMENTALLY RESPONSIBLE

ThinkPad W510 supports the following environmental standards with:

- The most energy-efficient features
- An EPEAT® Gold qualified notebook (LED backlight systems)
- Energy Star® compliant
- New Power Management utility and enhanced features for lower power consumption and improved battery life

LENOVO ENHANCED EXPERIENCE FOR WINDOWS® 7. FAST. SECURE. BUILT FOR BUSINESS.

Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think PCs. Faster, more durable and greener Think PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.

THINKPAD W510—TOP REASONS TO OWN

- CUTTING-EDGE TECHNOLOGY
- HIGHER EXPANDABILITY
- UNCOMPROMISED PERFORMANCE
- ENVIRONMENTALLY RESPONSIBLE





Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

SOFTWARE OFFERINGS

THE LENOVO® THINKPAD® W510 NOTEBOOK

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Professional 32
- Genuine Windows Vista® Ultimate 32
- Genuine Windows Vista® Business 32
- Genuine Windows Vista® Business 64
- Genuine Windows Vista® Home Premium 32
- Genuine Windows Vista® Home Basic 32
- Genuine Windows® XP Professional

SUPPORTED THINKVANTAGE® TECHNOLOGIES

- ThinkVantage Access Connections™
- ThinkVantage Fingerprint Software
- ThinkVantage Productivity Center
- ThinkVantage Rescue and Recovery®
- ThinkVantage System Update
- ThinkVantage Client Security Solution



SERVICE OFFERINGS

PRODUCTIVITY, PERFORMANCE AND SECURITY

THINKPLUS™ SUPPORT	THINKPLUS™ PROTECTION	THINKPLUS™ ENTERPRISE SOLUTIONS
<p>Lowers the overall IT support costs and reduces unbudgeted support and repair expenses.</p> <p>ThinkPlus Priority Support: Provides globally recognized technical support for your business—increases helpdesk productivity with 24 x 7 advanced-level technical support and service call-tracking tools with:</p> <ul style="list-style-type: none"> • Reduced Troubleshooting Time • Fewer Repair Actions • Faster response • Reduced downtime, higher satisfaction <p>Base Warranty Service: Provides the Lenovo standard award-winning service and support.</p> <p>ThinkPlus Warranty Extension and Upgrade: Protects investment and increases productivity with the enhanced service-level upgrade and term extension.</p> <p>ThinkPlus Priority 4: Offers enhanced onsite response within 4 hours for critical IT support needs.</p>	<p>Protects PCs and data from unexpected intruders—saves money, reduces hassles, and offers peace of mind.</p> <p>ThinkPad Protection (TPP): Includes repair of accidental damage, drops, or spills not covered by warranty</p> <ul style="list-style-type: none"> • Complete protection to a desired term • 24 x 7 toll-free access to Lenovo technicians • Unlimited repairs covering accidental damage issues • Replacement with new system, if required <p>Hard Disk Drive Retention: Allows you to retain your hard drive if it fails and thus protects data from falling into the wrong hands.</p>	<p>Offer peace of mind with Lenovo as a single-point-of-contact—manages infrastructure, consolidates contracts, and streamlines the number of vendors.</p> <p>Lenovo Professional Services: Offer professional engineering and project management services to implement new technologies.</p> <p>Lenovo Imaging Services: Offer image creation, image verification, and management services.</p> <p>Lenovo Managed Deployment: Offers factory integration, imaging, installation, deployment, and consulting services.</p> <p>Lenovo Asset Recovery Services: Recover value from old assets and help you dispose data securely—turns old PC trash into cash.</p>



Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

THE LENOVO® THINKPAD™ W510 NOTEBOOK SPECIFICATIONS

MODEL NAME – W510

CPU/Chipset

- Intel® Core™2 Quad Core™ i7-720QM (1.6GHz, 8MB L3, 1333MHz FSB, 45W)
- Intel® Core™2 Quad Core™ i7-820Q (1.73GHz, 8MB L3, 1333MHz FSB, 45W)
- Intel® Core™2 Extreme i7-920XM (2.00GHz, 4MB L3, 1333MHz FSB, 55W)

Preloaded Operating Systems

- Genuine Windows® 7 Professional 32
- Genuine Windows® 7 Professional 64
- Genuine Windows Vista® Business 32
- Genuine Windows Vista® Business 64
- Genuine Windows® XP Professional

Memory

- Up to 16GB 1333 MHZ DDR3 Memory

Graphics

- Intel® 5 INT and NVIDIA® Quadro® FX 880M (1GB DDR3)

Storage

- 128 / 160 / 256 GB SSD
- 160 GB (5400 RPM) / 250 GB (5400 / 7200 RPM) / 320 GB (5400 / 7200 RPM) / 500 GB (7200 RPM) HDD

Keyboard

- Ergonomically designed keyboard and Multitouch TouchPad with palm rest, wider left and right click buttons, VoIP Fn + F6 hotkey, and Power On, Caps Lock, Audio Mute and Fingerprint Reader® with LED indicator (W510)

Advanced Communications

- Integrated Mobile Broadband (Gobi™ 2000 3G with GPS) - ROW
- WWAN, WLAN, WiMAX, Bluetooth®
- Constant Connect*
- USB 3.0

Supported Wireless Communication

- Intel® WiFiLink 6200 2 x 2
- Intel® WiFiLink 6300 3 x 3
- Intel® 2 x 2 6250 with WiMax
- ThinkPad WLAN Realtek 1 x 2

Dimensions

- 372.8.5mm x 245.1mm x 35.8mm

Weight

- Starting at 5.89 lbs / 2.671kg (6 Cell)

Display

All LED

- 15.6" LED HD (1280x800) 16:10 aspect
- 15.6" LED HD+ (1440x900) 16:10 aspect
- 15.6" RG-ph LED FHD (95% Gamut 270 NIT)

Ports and Slots

- Ports: 4 USB ports (1 USB 3.0), 1 USB/eSATA Combo, Powered USB, IEEE 1394a, VGA, Microphone/line-in, Headphone/line-out

Slots: Express Card 34mm, 5-in-1 MMC Reader®, Optional Contact or Contact-less Smart Card Reader®

Preloaded Software

- Adobe® Acrobat® Reader®
- Microsoft® Office Ready 2007
- Microsoft® Windows Live™ toolbar and search
- Roxio® Creator™
- Intervideo WinDVD (DVD models only)
- Intervideo WinDVD Creator™ (DVD models only)
- McAfee® VirusScan® Plus with 30-days of virus definition updates
- Creator™ Business Edition (combo models)
- Creator™ Business Edition with MYDVD (DVD Burner)
- PC-Doctor diagnostics
- Sun™ JRE™
- ThinkPad Utilities (Power Manager and Presentation Director), Huey Pro Color Calibration Software

Other Features

- 2 Megapixel Camera
- Combo Audio Jack (3.5mm)
- Microphone and Audio mute button



*US only, requires 34mm Express Card



Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

THE LENOVO THINKPAD® W510 NOTEBOOK OPTIONS

 <p>ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U)*</p> <ul style="list-style-type: none"> • Quick and easy access to peripherals • 6 USB 2.0 ports, RJ-45 gigabit Ethernet, E-SATA connector • Five video ports (2-DisplayPort, 1-VGA analog, 2-DVI digital) • Use any two video ports to attach two monitors • Ships with a 135 Watt Power Adapter <p>www.lenovo.com/support/docks</p>	 <p>Lenovo ThinkVision L2251p Monitor (2572HD6)</p> <ul style="list-style-type: none"> • 22" Wide with 1680x1050 resolution • VGA + DisplayPort interfaces for easy dual monitor display • Full function ergonomic stand • 29% more efficient than ENERGY STAR® 5.0 Standard
 <p>Carry battery spares, or replace system batteries when charge capacity diminishes with time</p> <p>51J0499 ThinkPad Battery 25+ (6 cell) 51J0500 ThinkPad Battery 25++ (9 cell)</p>	 <p>Lenovo ThinkVision L2440p Monitor (4420HB2)</p> <ul style="list-style-type: none"> • 24" Wide with 1920x1200 resolution for productivity • VGA + DVI-D interfaces and USB Hub for connection flexibility • EPEAT® Gold*, TCO Displays 5.0 certified
 <p>Have a spare AC adapter at home, or in your carry case.</p> <p>55Y9317 135W AC Adapter*</p>	 <p>Easily transport and protect your ThinkPad against bumps and jostles</p> <p>43R2476 – ThinkPad Business Topload Case 43R2482 – ThinkPad Business Backpack 57Y4271 – Wenger Backpack for Lenovo</p> 
	 <p>ThinkPad eSATA/USB 500GB Secure Hard Drive (57Y4400)</p> <ul style="list-style-type: none"> • Secure valuable data • AES 256-bit full data encryption • Administrative password management • Shock-mounted hard drive for enhanced durability • No AC power adapter, or software installation required <p>www.lenovo.com/support/security www.lenovo.com/support/harddrives</p> 
	<p>ThinkPad USB Keyboard with Trackpoint (55Y9003)</p> <ul style="list-style-type: none"> • Integrated TrackPoint – no external mouse • Function keys for quick access to variety of ThinkPad features • Spill Resistant <p>www.lenovo.com/support/keyboards</p>

* Note: ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U) and 135W AC Adapter and is optimized for W510, but is compatible to T400s, T410s, T410 and T510.



1800 400 659



www.lenovo.com/think

lenovo

ThinkPad

©2009 Lenovo. All rights reserved.

Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVantage and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Core, Core Inside, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. QUALCOMM is a registered trademark of QUALCOMM Incorporated. Gobi and "The world is your hotspot" are trademarks of QUALCOMM Incorporated. Other company, product and service names may be trademarks or service marks of others.

Visit Lenovo.com/safecomputing periodically for the latest information on safe and effective computing